



PRODUCT DATA SHEET

ADNOC Grease OGL 5500

DESCRIPTION

ADNOC Grease OGL 5500 is a diluent-type, unleaded, heavy bodied open gear lubricant intended for the lubrication of heavily loaded open gears. It is incorporating extreme pressure additives for improved load-carrying capacity. It contains a non-chlorinated volatile solvent that ensures fluidity during application. The diluent evaporates once applied on equipment surfaces, and the lubricant assumes a flexible, adhesive, high-strength consistency which is maintained throughout its service life. It adheres strongly to gear teeth, thereby providing a wear-resistant, viscous, continuous film that lubricates well under boundary conditions. It is resistant to rain, snow, pressure water washing, and other similar external conditions.

APPLICATIONS

ADNOC Grease OGL 5500 is recommended for the lubrication of:

- Low-speed, highly-loaded open gears
- High temperatures applications such as ring gears on cement kilns and large gears on ore processing mills.
- Optimum performance can be achieved up to 93°C.

BENEFITS

- No chipping, flaking, and “fling-off” in varying temperatures, ensuring a continuous lubricating film at all times.
- Excellent protection of gear components under boundary lubrication conditions.
- Minimal losses due to throw-off and dripping, resulting in reduced consumption and lower lubricant Costs.
- Contains no deposit-forming components in the gear teeth/elements, providing easier cleaning and reduced maintenance costs.
- Excellent pumpability and sprayability, even at low temperatures, giving improved lubrication.

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PRODUCT TYPICAL CHARACTERISTICS

Product Code	Test Method	ADNOC Grease OGL 5500
Specific Gravity at 16°C	ASTM D1298	0.95-0.97
Flash Point, °C	ASTM D92	121
EP Type		Zinc / Sulphur
Retention Test, Load, lb	U.S. Steel	35
Viscosity of Oil with Diluent cSt at 40°C	ASTM D445	4500-5500
Viscosity of Oil without Diluent cSt at 100°C	ASTM D445	1100
4-Ball Wear, scar diameter, mm	ASTM D2266	0.40 / 0.50
4-Ball EP Weld Load, kg	ASTM D2596	400

Minor variations in product typical test data are to be expected in normal manufacturing.

Always follow the Original Equipment Manufacturer's recommendation (OEM) for the equipment operating conditions, product specification, drain interval and customer's maintenance practices.
 Rev: 17-May-2022